Using the Palm OS PDA

# For

RIPARIAN AREA MANAGEMENT
Greenline
Riparian-Wetland
Monitoring

See Technical Reference 1737-8
1993
for instructions on using
the Greenline Procedure.

U.S. Department of the Interior
Bureau of Land Management
Service Center
P.O. Box 25047
Denver, CO 80225-0047

Palm OS™ Emulator

10:37 am   ▼ BLM

Census   CompRec   CorralPrep

EcoRef   Greenline   height

Lentic   LPCover   Prep Score

Riparian   RngHealth

APPLICATIONS   CALCULATOR

MENU   abcde   12345   FIND

Touch the Greenline Icon to start Greenline program

Palm OS™ Emulator

Greenline Data Collection

Perennial Creek

New

APPLICATIONS   CALCULATOR

MENU   abcde   12345   FIND

Touch "Perennial Creek" to open that record or "New" to start a new record.

Enter Heading Information. This may be entered in the office before going to the field.

GREENLINE TRANSECT DATA

RESOURCE AREA _Green River_ OBSERVER _Jim Cagney_ DATE _7-31-91_

KEY AREA NAME _Perennial Creek_ ALLOTMENT # _4007_ LOCATION _T. 12 N., R. 106 W., Sec. 7_

NWNW

PLANT COMMUNITY	# FEET OBSERVED	PERCENT
CANE	1 2 20 22 32 68 78 83 90 97 122 141 154	21
SAEX/CANE	3 4 47	06
SAEX	30 36 32 51	07
AGST	3 32 24 31 32 40	05
ELPA	5 12 26 28 31 44	06
Trample	3 7 12 21 34	05
DECA	5 7	01
Mesic Forbs	3 6 11	02
EQAR	5 7 12 16 21 27	04
BEOC	16 23	03
ARCA	5 7 11 21	03
ARTR/AGDA	16 32 33 43 45 52 61	10
JUBA	16 25 31 37 45 53 73 78 90	12
BEOC/CANE	5 17 30 31	04
POPR	06 12 21 24 31 44 66	06
ARCA/JUBA	5 8 15 20 25 28 33	05
	TOTALS 730	100

Enter the transect data by either entering a number in the Ft. Column and touching the **+** or by touching the up arrow. The up arrow increments the number in the Tot column by 1.

The down arrow increments the number in the Tot column by –1.

The scroll bar shows more community type codes, you may also use the up down buttons.

The program calculates the total feet and percentage.

Palm OS™ Emulator — Greenline Data Collection
Resource Area Green River
Date 2/10/02 Allotment# 4007
Key Area Name Perennial Creek
Location T.21 N., R. 106 W Sec Jim Cagn
Observer Jim Cagney
Done | Head | Tran | Cros | Suppl | Rem

Palm OS™ Emulator — Greenline Data Collection

Community	Steps	Add	Ft	Tot	%
Cane	▲▼	⊕	.....	101	50
SAEX	▲▼	⊕	.....	6	2
AGST	▲▼	⊕	.....	10	4
ELPA1	▲▼	⊕	.....	3	1
DECA	▲▼	⊕	.....	3	1
Mforb	▲▼	⊕	.....	2	

TOTALS 202 100
Done | Head | Tran | Cros | Suppl | Rem

Palm OS™ Emulator — Greenline Data Collection

Community	Steps	Add	Ft	Tot	%
AR/AG	▲▼	⊕	.....	71	9
JUBA	▲▼	⊕	.....	90	12
BE/CA	▲▼	⊕	.....	31	4
POPR	▲▼	⊕	.....	46	6
Ar/Ju	▲▼	⊕	.....	33	4
	▲▼	⊕			

TOTALS 730 100
Done | Head | Tran | Cros | Suppl | Rem
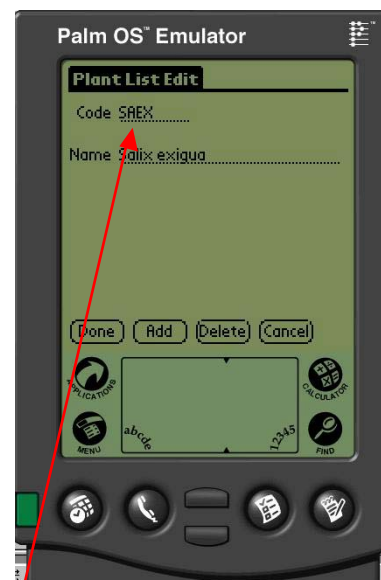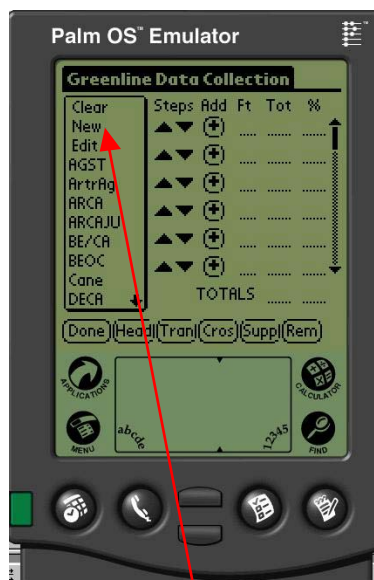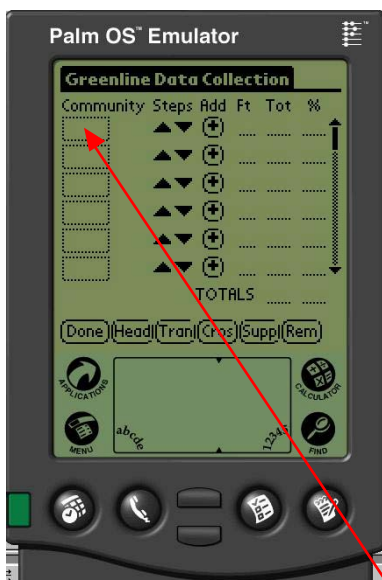
Touch the blank box to bring up the community type dictionary. You may enter a new community type, edit an existing type or clear a community type.

When the dictionary box is visible, write the first letter of the community type in the text writing area and the program will find the first community type that starts with that letter. Touch the community type to enter it in the transect.

Palm OS™ Emulator

Greenline Data Collection ◀ ▶
Tran 1 Bearing 85 Width 105
Community Steps Add Ft Tot
Artr   ▲▼ ⊕ 12
Popr   ▲▼ ⊕ 38
SAEX   ▲▼ ⊕ 12
Creek   ▲▼ ⊕ 1
JUBA   ▲▼ ⊕ 27
CANE   ▲▼ ⊕ 14
(Done)(Head)(Tran)(Cros)(Supp)(Rem)

Palm OS™ Emulator

Greenline Data Collection ◀ ▶
Tran 2 Bearing 10 Width 180
Community Steps Add Ft Tot
Artr   ▲▼ ⊕ 22
Popr   ▲▼ ⊕ 40
JUBA   ▲▼ ⊕ 28
SA/CA   ▲▼ ⊕ 12
ARNO   ▲▼ ⊕ 15
Creek   ▲▼ ⊕ 7
(Done)(Head)(Tran)(Cros)(Supp)(Rem)
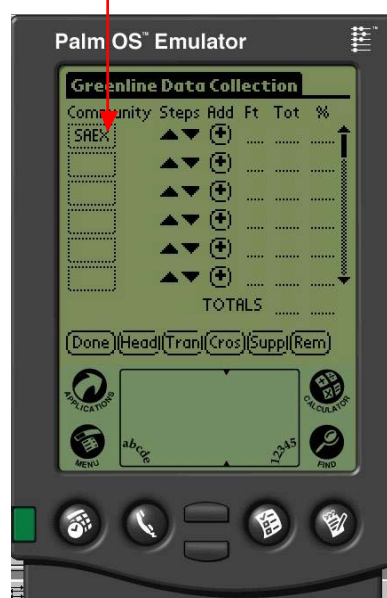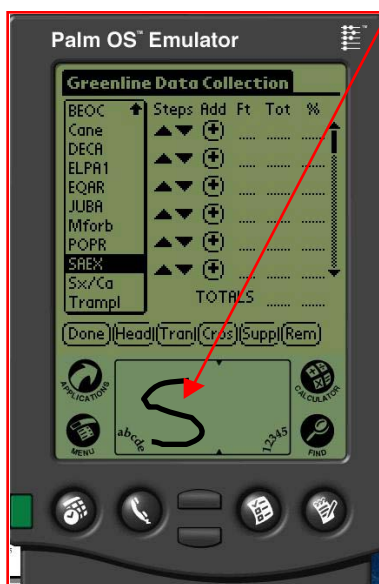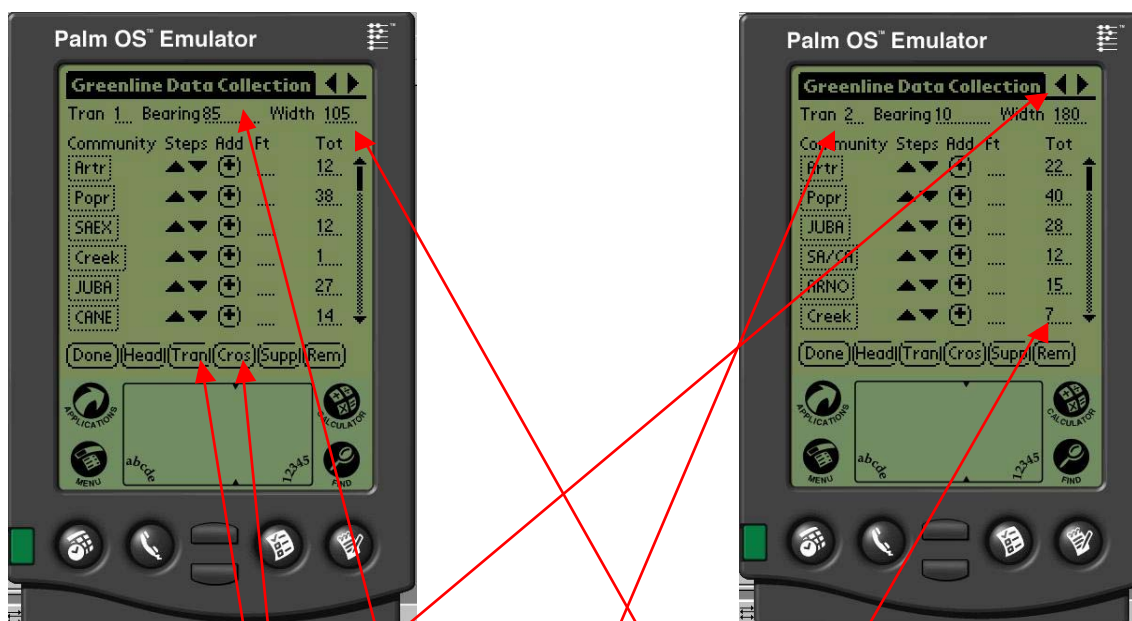
To move between the greenline transect and the cross section transects use these buttons. Cross section data is entered similar to the transect data. Use the **<>** in the upper right corner to move between cross sections transects.

CROSS-SECTION COMPOSITION

RESOURCE AREA _Green River_ OBSERVER _Jim Cagney_ DATE _7-31-91_

KEY AREA NAME _Perennial Creek 7_ ALLOTMENT #_1007_ LOCATION T. 12 N., R. 106 W., Sec.

PLANT COMMUNITY and # FEET OBSERVED   NW NW

TRANSECT #1   BEARING _85° W_   TOTAL RIPARIAN WIDTH _105'_

ARTR/JUBA 8 12
POPR 12 23 28 38
SAEX 6 8 9 12
Creek 2
JUBA 14 22 27
CANE 7 12 14

TRANSECT #2   BEARING _10° N_   TOTAL RIPARIAN WIDTH _180'_

ARTR/JUBA 7 18 21 22   DECA 37
POPR 12 31 40   SAEX 6 16 24
JUBA 7 12 18 28   AGST 25
SAEX/CANE 6 9 12
ANRO 6 15
Creek 2 5 7

Palm OS™ Emulator

Greenline Data Collection

Species SAEX

Age Class Option		Height Class Opt
Seedling ▲▼ 43	0-3' ▲▼
Young ▲▼ 22	>3-6' ▲▼
<50% Dead ▲▼ 2	>6-10' ▲▼
>50% Dead ▲▼ 3	>10' ▲▼

(Done) (Head) (Tran) (Cros) (Supp) (Rem)

Palm OS™ Emulator

Greenline Data Collection

Remarks

SAEX Seedlings numerous

(Done) (Head) (Tran) (Cros) (Supp) (Rem)
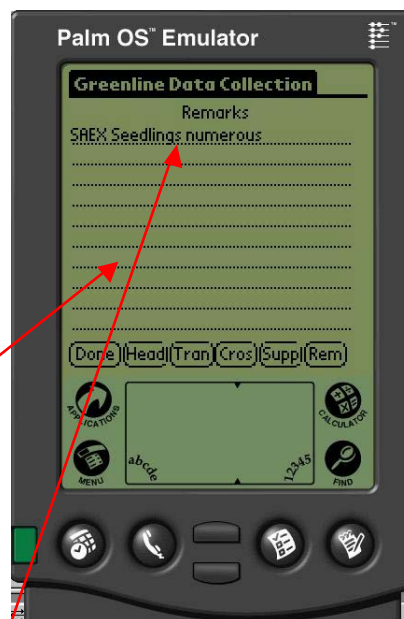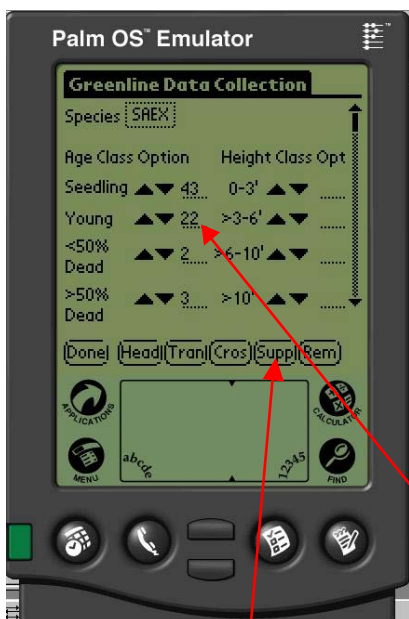
Enter supplemental Data by touching this button. A large ramark field is provided. If you want to enter a large amount of text in the remarks field, use a portable keyboard. This can also be used to enter heading data prior to going to the field.

GREENLINE SUPPLEMENTAL DATA

RESOURCE AREA _Green River_   OBSERVER _Jim Cagney_   DATE _7-31-91_

KEY AREA NAME _Perennial Creek_ ALLOTMENT # _4007_   LOCATION _T. 12 N., R. 106 W., Sec. 7 NWNW_

WOODY SPECIES COUNTS

AGE CLASS OPTION

SPECIES	SEEDLING	YOUNG	MATURE <50% DEAD	MATURE >50% DEAD
SAEX	numerous	22	2	3
BEOC	14	6		2

HEIGHT CLASS OPTION

SPECIES	0-3'	>3-6'	>6-10'	>10'

PHOTOS TAKEN/REMARKS:

Transect located on Perennial Creek, 1.7 miles east of Uncle Billy's Cabin on county road #17.
- Utilization of CANE is about 35%; cattle currently using the area.

Downloading

GreenlineConduitSetup10.zip

WinZip (Unregistered) - GreenlineConduitSetup10.zip

File   Actions   Options   Help

New   Open   Favorites   Add   Extract   View   Install   Wizard

Name	Modified	Size	Ratio	Packed	Path
setup.exe	12/12/01 4:25 PM	3,497,224	5%	3,322,...	

Total 1 file, 3,416KB

Exploring - Greenline

File   Edit   View   Go   Favorites   Tools   Help

Back   Forward   Up   Cut   Copy   Paste   Undo   Delete   Properties   Views

Address C:\Program Files\Palm\GlennD\Greenline

Folders
Palm
0
Add-on
Drivers
Emulat
GlennD
address
Archive
Backup
Blocks Produc
Census
CompRec
datebook
EcoRef
expense
Greenline
Height

Name	Size	Type	Modified
Greenline.BAK	12KB	BAK File	2/10/02 9:38 PM
Greenline	12KB	DAT File	2/10/02 9:38 PM
GreenlineMB1	16KB	Microsoft Excel Wor...	2/10/02 9:38 PM
GreenlinePerennial...	18KB	Microsoft Excel Wor...	2/10/02 9:42 PM
GreenlineR1	16KB	Microsoft Excel Wor...	2/10/02 9:38 PM
GreenlineStone Mtn.	16KB	Microsoft Excel Wor...	2/10/02 9:38 PM

When you install the greenline conduit by clicking on the GreenlineConduitSetup10.zip icon and then clicking on the setup.exe in the winzip window, a Greenline directory is created under your user name where your palm files normally download. When you hotsync your PDA, the conduit creates a microsoft excel file in that directory.

Custom

Don Glenn

Conduit	Action
eyemodule Images	Synchronize the files
Expense	Do Nothing
Quicksheet	Do Nothing
IntelliGolf	Synchronize the files
Riparian Conduit	Do Nothing
Lentic Conduit	Do Nothing
Greenline Conduit	Do Nothing
LpCover	Do Nothing
RngHealth Conduit	
EcoRef Conduit	

Done
Change...
Default
Help

Greenline Conduit

Don Glenn's Current Settings:

Default HotSync Action: Do Nothing.

Next HotSync Action: Do Nothing.

HotSync Action for Greenline Conduit

○ Synchronize the files

○ Desktop overwrites handheld

○ Handheld overwrites Desktop

● Do nothing

☐ Set as default

OK
Cancel
Help

You can turn the conduit on and off by right clicking on the hotsync icon and selecting custom. Then highlight the Greenline Conduit and click change. If the conduit is set to do nothing, the excel file will not be created, however the data will be backed up in the backup directory.

REC   TRK   EXT   OVR

Exploring - Greenline   LView Pro 1.B/16

Excel file downloaded from PDA

Microsoft Excel - GreenlinePerennial Creek

File Edit View Insert Format Tools Data Quicksheet Accounting Window Help

R52C9

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1					GREENLINE TRANSECT DATA										
2															
3	RESOURCE AREA		Green River		OBSERVER		Jim Cagney		DATE	2/11/02					
4	KEY AREA NAME		Perennial Creek		ALLOTMENT#		4027								
5					LOCATION		T.12N., R. 106W., SecJim Cagney								
6															
7	PLANT COMMUNITY				FEET OBSERVED				PERCENT						
8	CANE				154				21						
9	Sa/ca				47				6						
10	SAEX				51				6						
11	AGST				40				5						
12	ELPA				44				6						
13	Trampl				34				4						
14	DECA				7				0						
15	Mforb				11				1						
16	EQAR				27				3						
17	BEOC				23				3						
18	ARCA				21				2						
19	AR/AG				71				9						
20	JUBA				90				12						
21	BE/CA				31				4						
22	POPR				46				6						
23	Ar/Ju				33				4						
24															
25					CROSS-SECTION COMPOSITION										
26															
27	RESOURCE AREA		Green River		OBSERVER		Jim Cagney		DATE	2/11/02					
28	KEY AREA NAME		Perennial Creek		ALLOTMENT#		4027								
29					LOCATION		T.12N., R. 106W., SecJim Cagney								
30															
31	PLANT COMMUNITY and FEET OBSERVED														
32	TRANSECT 1		BEARING	85			TOTAL RIPARIAN WIDTH		105						
33	Artr		12												
34	Popr		38												

Sheet1 Sheet2 Sheet3

Ready

Start Microsoft Word Exploring - Greenline Microsoft Excel ... LView Pro 1.B/16 7:44 PM

Microsoft Excel - GreenlinePerennial Creek

File Edit View Insert Format Tools Data Quicksheet Accounting Window Help

R52C9

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
25					CROSS-SECTION COMPOSITION										
26															
27	RESOURCE AREA		Green River		OBSERVER		Jim Cagney		DATE	2/11/02					
28	KEY AREA NAME		Perennial Creek		ALLOTMENT#		4027								
29					LOCATION		T.12N., R. 106W., SecJim Cagney								
30															
31	PLANT COMMUNITY and FEET OBSERVED														
32	TRANSECT 1		BEARING	85			TOTAL RIPARIAN WIDTH		105						
33	Artr		12												
34	Popr		38												
35	SAEX		12												
36	Creek		1												
37	JUBA		27												
38	CANE		14												
39															
40	TRANSECT 2		BEARING	10			TOTAL RIPARIAN WIDTH		180						
41	Artr		22												
42	Popr		40												
43	JUBA		28												
44	SA/CA		12												
45	ARNO		15												
46	Creek		7												
47	DECA		7												
48	SAEX		24												
49	AGST		25												
50															
51	TRANSECT 3		BEARING	5			TOTAL RIPARIAN WIDTH		85						
52	Artr		4												
53	CANE		3												
54	Creek		4												
55	SA/CA		14												
56	POPR		24												
57	DECA		20												
58	SAEX		16												

Sheet1 Sheet2 Sheet3

Ready

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Microsoft Excel - GreenlinePerennial Creek

File Edit View Insert Format Tools Data Quicksheet Accounting Window Help

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R52C9   =

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
63															
64					GREENLINE SUPPLEMENTAL DATA										
65	RESOURCE AREA		Green River		OBSERVER		Jim Cagney		DATE	2/11/02					
66	KEY AREA NAME		Perennial Creek		ALLOTMENT#		4027								
67					LOCATION		T.12N., R. 106W., SecJim Cagney								
68															
69					WOODY SPECIES COUNT										
70															
71	AGE CLASS OPTION														
72	SPECIES		SEEDLING		YOUNG		MATURE		MATURE						
73							<50% DEAD		>50% DEAD						
74	SAEX		15		22		2		3						
75	BEOC		14		6		0		2						
76															
77	HEIGHT CLASS OPTION														
78	SPECIES		0-3'		>3-6'		>6-10'		>10'						
79															
80	PHOTOS TAKEN/REMARKS:														
81	SAEX Seedlings numerous														
82															
83															
84															
85															
86															
87															
88															
89															
90															
91															
92															
93															
94															
95															
96															

Sheet1 / Sheet2 / Sheet3

Ready

NUM

Start   Microsoft Word   Exploring - Greenline   Microsoft Excel ...   LView Pro 1.B/16   7:49 PM